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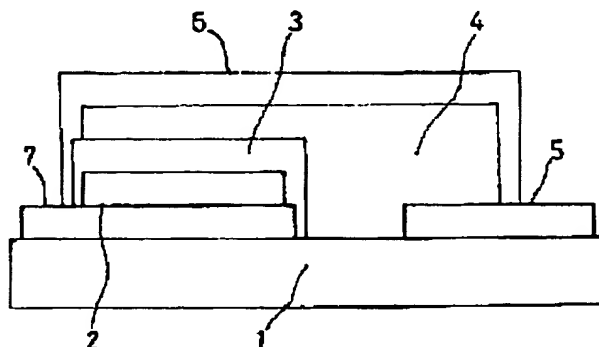
APPLICATION DATE : 24-12-98
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INVENTOR : ROPPOGI YASUNOBU;

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TITLE : TOTALLY SOLID LITHIUM ION
BATTERY AND ITS MANUFACTURE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a totally solid lithium ion battery with a solid electrolyte layer having an extremely thin thickness and high ion conductivity.

SOLUTION: A solid electrolyte layer 3 is formed by splashing moldings of at least two kinds of fine particles selected from among lithium compound, metal oxide and silicon sulfide as a source for deposition, and the solid electrolyte layer 3 having a thin film thickness and high ion conductivity can be obtained, since the electrolyte layer 3 is formed so as to mutually adhere plural kinds of fine particles uniformly mixed.

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